

ODW BUILDOR... (Decorative text)

### Input resources

Construction*1 Monthly average operation		Number of field offices: 280		Total workforce: 2,875,000 people	
Electric energy	47,566,000 kWh	LPG	51 t	City gas	3,145 m <sup>3</sup>
* Electricity generated 100% from renewable energy was used.					
A-type heavy oil	20 kl	Light oil	24,563 kl	Gasoline	308 kl
		Kerosene	153 kl	Clean water consumption	353,757 m <sup>3</sup>

  

Office*2 Base: 40 places		Total workforce: 546,000 people			
Electric energy	5,428,000 kWh	Gasoline	242 kl	Light oil	2 kl
* Electricity generated 100% from renewable energy was used.					
		Clean water consumption	23,817 m <sup>3</sup>	Kerosene	2 kl
				City gas	47,232 m <sup>3</sup>

### Equipment and materials

Construction		
Concrete	749,000 m <sup>3</sup>	Steel material
		96,000 t
Cement	18,000 t	

**★ Green procurement amount**

- Material system 13 items
- Exterior material and interior material system 7 items
- Equipment system 10 items

\* For details, see the "List of green procurement amount" shown below.

Office	
Paper purchase volume	7,603,000 sheets

### List of green procurement amount

Blast furnace concrete	147,818 m <sup>3</sup>	Low-E glass	24,269 m <sup>2</sup>	Automatic control blind	8 locations
Fly ash concrete	68,252 m <sup>3</sup>	Multi-layered glass	22,353 m <sup>2</sup>	Earth thermal utilization system (heat pump)	0 kW
Recycled concrete	40 m <sup>3</sup>	Rooftop greening	1,660 m <sup>2</sup>	Photovoltaic power generation	17 kW
Electric furnace H-steel, steel sheet pile, and reinforcing steel	93 t	Wall greening	272 m <sup>2</sup>	Solar heat utilization	0 m <sup>2</sup>
Reutilization of construction generated soil	26,281 m <sup>3</sup>	Regenerated wood board (particleboard, fiberboard, woody cement board)	134,204 m <sup>2</sup>	Wind power generation	0 kW
Treated soil recycled from construction sludge	15,252 m <sup>3</sup>	Domestic wood finishing material	18 m <sup>2</sup>	Fuel cell	0 kW
Recycled aggregate, etc.	153,631 t	Non-fluorocarbon insulation material	554,094 m <sup>2</sup>	LED lighting	11,619 units
Recycled hot asphalt mixture	3,353 t			EM electric wire	112 m
Alternative form	8,646 m <sup>2</sup>			Water-saving toilet bowl	81 sets
PC material	54,708 m <sup>2</sup>			High-efficiency air conditioner	0 units
Domestic timber, structural material	452 m <sup>3</sup>				
Domestic timber, temporary usage	0 m <sup>3</sup>				
EPO certification products	1.995 billion yen				

**6. REUSE**

Use of sold products  
1,702,279 t-CO<sub>2</sub>

Disposal of sold products  
82,604 t-CO<sub>2</sub>

### Business activities\*3

#### The value created in society

Road	35.8 billion yen
Forestry conservancy and river improvement	17 billion yen
Railroad	19.4 billion yen
Water and sewage	8.7 billion yen
Land development	9.5 billion yen
Harbor/airport	3.1 billion yen
Electric line	0 billion yen
Others	57.9 billion yen
Residence	75.5 billion yen
Education, medical care, etc.	22.8 billion yen
Factories, warehouses, etc.	59.6 billion yen
Office and government buildings	26.2 billion yen
Commerce, lodgings, etc.	9.5 billion yen
Others	21.7 billion yen

**Scope 3**

Energy-related activities  
13,053 t-CO<sub>2</sub>

Employees' commuting  
1,713 t-CO<sub>2</sub>

**Scope 3**

Purchased products and services  
585,581 t-CO<sub>2</sub>

Transportation and delivery (upstream)  
4,540 t-CO<sub>2</sub>

### Environmental load\*4

#### Greenhouse effect gas / Air pollution

<b>Construction</b>	
CO <sub>2</sub> emissions	73,718 t-CO <sub>2</sub>
(due to the transportation of waste and generated soil)	5,366 t-CO <sub>2</sub>
(due to power usage)	0 t-CO <sub>2</sub>
<b>Nox</b>	433 t
<b>Sox</b>	65 t
<b>Office</b>	
CO <sub>2</sub> emissions	678 t-CO <sub>2</sub>
(due to power usage)	0 t-CO <sub>2</sub>
<b>Total CO<sub>2</sub> emissions</b>	<b>74,396 t-CO<sub>2</sub></b>

### Construction byproducts

Construction waste	585,741 t
(industrial waste subject to special management)	236 t
Construction generated soil	1,260,000 m <sup>3</sup>
Number of cards of a manifesto issued	103,437 sheets
<b>Office</b>	
Non-industrial waste	85,338 t
<b>Total waste</b>	<b>671,079 t</b>
Discharge*5	35,009 m <sup>3</sup>

### Recycled construction byproducts

Concrete	209,511,000 t
Asphalt concrete	69,743,000 t
Wood waste	19,355,000 t
Construction sludge	210,516,000 t
Recycling rate (including dismantling)	97.8 %
Recycling rate (excluding dismantling)	97.3 %

**Scope 3**

Transportation of byproducts  
8,455 t-CO<sub>2</sub>

### Final disposal

Final disposal amount of waste	12,733 t
Basic unit of final disposal amount	3.0 t/100 million yen

\*1: The amount of energy was calculated based on a sampling survey.  
 \*2: The total of head office and branch buildings, etc.  
 \*3: The works completed in FY 2019 were totaled.  
 \*4: The total of construction works (completed construction + continuing construction) in FY 2019.  
 \*5: Only draining to a sewage system is considered.